



**Material Safety Data Sheet**  
**SC-Aircraft & Metal Cleaner Concentrate and Ready-To-Use**

Product Hazard: Health: 0 Fire: 0 Toxicity: 0 Reactivity: 0 Special: 0  
Hazard Rating: 4 = Deadly 3 = Extreme 2 = Hazardous 1 = Slight Hazard 0 = Normal

<b>1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING</b>		<b>0613/02</b>
<b>Product Name:</b>	(VPW) SC-AIRCRAFT and Metal Cleaner	
<b>Manufacturer:</b>	GemTek Products	
<b>Supplier</b>	Orison Marketing, L.L.C. (Cage Code: 1GZV7) 17 Windmill Circle Abilene, TX 79606	
<b>Emergency Telephone Number:</b>	(915) 692-1135 (888) 282-0795 or (in the U.S.)	
<b>2. COMPOSITION/INFORMATION ON INGREDIENTS</b>		
<b>Chemical Name of the Substance:</b> Proprietary Ternary Non-Ionic Surfactant Compound which complies with OSHA 29 CFR XVII-1910.1200 Section (i) "Trade Secrets". Contains <u>no</u> hazardous components under current OSHA definitions. The product does not contain substances which are restricted under TSCA, RCRA, SARA, CERCLA, CAL Prop 65, SCAQMD or CARB. Contents and formulation are proprietary and include: linear alcohol ethoxylates, CAS# 68439-46-3; a natural corrosion inhibitor, CAS# 132206-25-4; amphoteric surfactants, CAS# 68630-92-2; an organic defoamer (corn silica) and deionized water.		
<b>3. HAZARDS IDENTIFICATION</b>		
<b>Most Important Hazards:</b>	None known	
<b>Specific Hazards:</b>	May be an eye irritant. Do not spray into eyes. If irritation does occur, rinse with clean water.	
<b>4. FIRST AID MEASURES</b>		
<b>General Advice:</b>	Not considered toxic or comedogenic to skin. Suggest the use of rubber gloves for prolonged exposure to avoid dryness. General precaution is advised to avoid eye contact irritation.	
<b>Inhalation:</b>	Non-reactive – No First Aid needed	
<b>Skin Contact:</b>	Non-irritating - Wash with clean water. Use skin moisturizer for overly dry skin.	
<b>Eye Contact:</b>	Flush eyes thoroughly with clean water.	
<b>Ingestion:</b>	Non-toxic – No First Aid needed.	
<b>5. FIRE-FIGHTING MEASURES</b>		
<b>Suitable Extinguishing Media:</b>	None Necessary	
<b>Specific Hazards:</b>	None Necessary	
<b>Specific Methods:</b>	None Necessary	
<b>6. ACCIDENTAL RELEASE MEASURES</b>		
<b>Personal Precautions:</b>	Avoid prolonged direct contact with skin to avoid skin dryness.	
<b>Environmental Precautions:</b>	None necessary for the product itself. However, soil contaminated cleaning must be disposed of in accordance with federal, state and local laws.	
<b>Methods for Cleaning Up:</b>	Same as other semi-viscous non-toxic liquids. Use absorbent materials, floor squeegee or water rinse as necessary.	
<b>7. HANDLING AND STORAGE</b>		
<b>Technical Measures/Precautions:</b>	None required.	
<b>Safe Handling Advice:</b>	Product may be slippery when spilled on hard surfaces.	
<b>Technical Measures/Storage Conditions:</b>	Advise storage above 50°F ambient air temperature to avoid cloud point	

**Incompatible Products:** None known.

**Packaging Material:** No restrictions.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering Measures:** Avoid eye contact; product is a slight eye irritant.

**Control Parameters:** None necessary.

**Personal Protection Equipment**

**Respiratory:** None required.

**Eye:** Recommend eye glasses to avoid eye contact.

**Hand:** Recommend rubber gloves to avoid skin dryness.

**Hygiene Measures:** None required.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Form:</b> Low viscosity, water-like	<b>Color:</b> Very light amber
<b>Odor:</b> Mild coconut and pepper	<b>pH:</b> 8.4 – 8.6 range
<b>Boiling Point/Range:</b> 100°C	<b>Melting Point/Range:</b> Not Applicable
<b>Freezing Point:</b> 3°C	<b>Viscosity @ 20°C:</b> 7.0 (Brookfield LVT#1 @ 60RPM)
<b>Dielectric Strength:</b> 1.5 KV	<b>Electric Conductivity:</b> 3.090 □ mhos/cm
<b>Decomposition Temperature:</b> Higher than 330°C	<b>Flash Point:</b> None (Penske Martin Closed Cup)
<b>Explosive Properties:</b> None	<b>% Volatile by Weight @ 105°C:</b> 85.5%
<b>Vapor Pressure:</b> 17.0 mm of Hg @ 20°C	<b>Vapor Density:</b> 0.620 psi, ASTM D-5191
<b>Relative Density:</b> 1.0090 g/ml	<b>Water Solubility:</b> 99.993% (complete)
<b>Surface Tension:</b> 24.73 dynes/cm	<b>Specific Gravity:</b> 1.04 gm/cc
<b>Evaporation Rate:</b> .7	<b>Volatile Organic Compounds:</b> None measurable By U.S. EPA Methods 601, 602 and 608

**10. STABILITY AND REACTIVITY**

**Conditions to Avoid:** None known.

**Materials to Avoid:** None known.

**Hazardous Decomposition Products:** None known.

**11. TOXICOLOGICAL INFORMATION**

**Acute Toxicity:** Product is essentially non-toxic.

**Local Effects:** None observed

**Specific Effects:** Product is essentially non-toxic.

**12. ECOLOGICAL INFORMATION**

Non-toxic; non-hazardous; safe for the environment. This product is readily biodegradable according to OECD Method 301B, Modified Sturm Test and OECD Method 301C, ITI Test. At this time, no ecological impact report has been authored regarding this product.

**13. DISPOSAL CONSIDERATIONS**

**Waste from Residues/Unused Products:** May be sewerable or disposable in sanitary landfill, depending upon local disposal regulations.

**Contaminated Packaging:** Dispose of in accordance with federal, state and local regulations.

**14. TRANSPORTATION INFORMATION**

Class 55 non-hazardous soap. Not classified as dangerous in the meaning of transport regulations.

**15. REGULATORY INFORMATION**

Product complies with all known regulatory considerations and is unregulated and not listed as a Hazmat by any agency.

**16. OTHER INFORMATION**

**For further information, contact the Headquarters of Orison Marketing, L.L.C.**

**Recommended Use:** For exterior aircraft cleaning, general purpose cleaning and degreasing of metal parts and metal finish surfaces.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and is not valid for such material used in combination with any other materials or in any process, unless specified in the text.